

DRAFT

Application /Control Number: 08/881,021

Mr. Bartuska your proposed allowable claim was perfect, except the doors, I have followed your lead and inserted the doors explanations per your suggestion in our conversation April 8, 1999, before continuing I would like to discuss my insertion, of your claim 10 and my claims written through 17

Proposed allowable claim:

10. A computer controlled vending machine system that selectively dispenses food

(And non food products including:

a plurality of front door frames with each door frame including a plurality

of individual transparent compartment doors,

a central computer which operates the vending machine according to a program

of operations and stores data indicative of the performance of the vending machine,

a modem that can access the data stored in the computer and transmit the data to a personal computer,

a plurality of multiple micro coin acceptor units having flip flop circuitry whereby an insertion of a first coin creates an output toggle pulse to activate the program of operations, and wherein

the plurality of coin acceptor units are located in the front door frame with each coin acceptor unit aligned with a transparent compartment door member and insertion of a predetermined value of coins in one of the coin acceptor units allows the aligned compartment door to be opened giving access to

inner bars shelf door allowing dispensing of the product.

11. The computer controlled vending machine of claim 10, including coin carrying tracks leading from coin acceptors, directing coins into multiple

interfaced handshaking independent segmented subassembly, subroutine coin catches, hold, release, sort, divert, stack, and change back unit, located in center housing of

the change back unit housing, and having

a divider chute means preventing coin overflow, and or jams by directing coins to either the

coin

Change return stacks bank, or if divider receives CPU directing signal, diverts coins to a different path into the overflow house bank located at the base inner floor of machine housing and

a computer controlled binary coded VDC pulse operated interfaced handshaking conductive micro thumb shaped device, having properties to sustain a controlling reaction when VDC binary code is applied, thus giving said thumb shaped device movement ability to count and control coins disbursement from coin stacks as change back means to consumers, the thumb shaped device utilizes the present or absent of a VDC pulse to hit appropriate coin stacks, in such a way it causes one coin out per pulse, this conductive micro thumb shaped device is located on each coin stack housing, located on each coin change stack unit housing, located on the change unit housing under each row of a plurality of coin acceptors in present invention lower front housing.

12. The computer controlled vending machine of claim 10, including a plurality of structured VDC step motors connected to and control a

plurality of race track form reel wheels, having connected thereto, a plurality of swing type objects shelves, means of selectively storing products until purchased, having

solenoid locking bridged bars door, connected to each swing type objects shelf, as stability means of holding a product while orbiting around the swing type object, entire configuration located in inner center section, sheltered by plurality of individual front doors, located in present invention housing.

13. The computer controlled vending machine of claim 10, including a plurality of index buttons whereby suppressing said index buttons will activate the VDC step motors, means of turning the race track form reel wheels having connected shelves that selectively store products until purchased, VDC step motors are pre-calculated in precise revolutions per second, (rps) controlling the structured race track form reel wheels movements for positioning alignment of products in front transparent compartment door members, for viewing and or purchasing, the index button is located on each plurality front door frame located in center section front of present invention housing.

Claims continued
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14. The computer controlled vending machine of claim 10, including a plurality of pop up T locks providing means of securing, troubleshooting, or loading the apparatus, the T locks are located on each door frame housing beneath the index button located on present invention housing.

15. The computer controlled vending machine of claim 10, including a numerical binary coded keypad peripheral punch device having a digital display screen whereby punching in a programmed binary code, activates optional service modes of operations, ability to perform a self test diagnostics, ease in loading, servicing etc., on location, this keypad peripheral punch device takes housing on the inner wall, mid section of present invention housing.

16. The computer controlled vending machine of claim 10, including software directive programs on CDROM and or 3.5 floppy diskettes in setup, sample spreadsheets, help tips, and literature written in a basic computer format, compatible to load on any computer. Such as IBM or MAC for operations of present invention.

17. The computer controlled vending machine of claim 10, including an advisory digital print out message display screen alerts users options and advisory directions on utilizing present invention, such as coin deposit errors, a particular row of product needs servicing try another row etc., the advisory digital print out screen is located in the lower right hand corner of the CPU private housing, located in top front portion of present invention housing.